



August 5, 1991

Illinois Environmental Protection Agency
Division of Land Pollution Control - #24
Permits Section
2200 Churchill Road
P.O. Box 19276
Springfield, Illinois 62794-9276
Attn: Mr. Mark Crites

Sherex Chemical Company, Inc.

P.O. Box 9
U.S. Route 24
Mapleton, IL 61547
Telephone: (309) 697-6220
Telefax: (309) 697-9493

Certified

RE: LPC #1438050006 - Peoria Co.
Sherex Chemical Co., Inc.
ILD095792859
RCRA Permit Log #111; Revised Closure Costs

Dear Mr. Crites:

As per your review and comments, Sherex has revised Closure Costs.

Enclosed four (4) copies of revised Closure Costs to be incorporated in the RCRA Part B Permit Application.

Should you have any questions, please contact me at (309) 697-6220, Ext. 322.

Sincerely,

Serin R. Rao, P.E.
Manager,
Environmental, Health & Safety

US EPA RECORDS CENTER REGION 5



1002112

SRR:ksw
a:vi-cost

Enclosures

RECEIVED

AUG 06 1991

IEPA-DLPC

23

A Schering Berlin Company

VI. COST OF CLOSURE

Preparation of Partial Closure Plan	\$ 3,500.00
*Handling & Disposal of Stored Waste	\$ 36,000.00
Storage #1	\$15,400.00
Disposal.....	\$13,600.00
Handling & Transportation..	\$ 1,800.00
Storage #2	\$20,600.00
Disposal.....	\$19,200.00
Handling & Transportation..	\$ 1,400.00
*Decontamination of Pads & Secondary Containment Pallets	\$ 40,000.00
Labor.....	\$11,500.00
Equipment.....	\$13,000.00
Transportation and Disposal..	\$15,500.00
Analytical Work (10 Soil Samples & 5 Wash Water Samples) @ \$1000/sample	\$ 15,000.00
Engineering/Field Testing/Closure Witnessing	\$ 1,500.00
Closure Report/Independent Professional Engineer Certification	\$ 3,500.00
Sub-Total Cost of of Closure	\$ 99,500.00
Administration by Third-Party (10%)	\$ 9,950.00
Contingency (15%)	\$ 14,925.00
ESTIMATED TOTAL COST OF CLOSURE	\$124,375.00

*See Attached Appendixes A, B & C

RECEIVED

AUG 06 1991

IEPA-DLPC

Page 14

Rev 7/91

**COST OF CLOSURE (STORAGE #1 & 2)
MAPLETON PLANT; RCRA PART "B" APPLICATION**

APPENDIX "A"

A. Storage #1	\$15,400.00
1. 48 drums (chlorinated/non-chlorinated for incineration @ \$275/drum.....	\$13,200.00
2. 5 5-gallon pails (Hg/solvent pitch) for incineration @ \$800/55-gallon.....	\$ 400.00
3. Handling and Transportation.....	\$ 1,800.00
 B. Storage #2	 \$20,600.00
1. 144 drums (solid, no free standing liquids) for landfill @ \$130/55-drum....	\$18,720.00
2. Handling and Transportation.....	\$ 1,880.00
 Total Handling and Disposal of Stored Waste Cost	 \$36,000.00

**COST OF CLOSURE (STORAGE #1 & 2)
MAPLETON PLANT; RCRA PART "B" APPLICATION**

APPENDIX "B"

Decontamination of Storage Areas and Secondary Containment Pallets

Labor **\$11,500.00**

Project Manager (50 hrs @ \$55/hr).....	\$2750.00
Technician (25 hrs @ \$38/hr).....	\$ 950.00
Foreman (50 hrs @ \$29/hr).....	\$1450.00
Laborer (100 hrs @ \$27.50/hr).....	\$2750.00
Operator (100 hrs @ \$30/hr).....	\$3000.00
Clerical (30 hrs @ \$20/hr).....	\$ 600.00

Equipment **\$13,000.00**

Semi-Tanker (20 hrs @ \$100/hr).....	\$2000.00
Pump Truck (20 hrs @ \$84/hr).....	\$1680.00
Industrial Vacuum Truck (20 hrs @ \$95/hr).....	\$1900.00
Jet Machine (20 hrs @ \$72.80/hr).....	\$1456.00
Semi Dump Truck (20 hrs @ \$55/hr).....	\$1100.00
20-Ton Crane (10 hrs @ \$137.50/hr).....	\$1375.00
Boom Truck (20 hrs @ \$45/hr).....	\$ 900.00
Miscellaneous Items (Safety Equipment, Personal Protection Equipment, etc.).....	\$2589.00

Transport & Disposal Cost **\$15,500.00**

20 - 55 gallon Drums (Wash & Rinse Water) for incineration @ \$275/55-gallon.....	\$5500.00
50 - 55 gallon (Cont. Soils) for Landfill @ \$130/55-drum.....	\$6500.00
6 - Secondary Containment Pallets (Metal) for Salvage/Disposal.....	\$1250.00
Handling and Transportation.....	\$2250.00

**Total Decontamination Pads &
Secondary Containment Pallets** **\$40,000.00**

COST OF CLOSURE (STORAGE #1 & 2)
MAPLETON PLANT; RCRA PART "B" APPLICATION

APPENDIX "C"

Remarks:

The sources for unit costs are as follows:

1. CWM, Inc. for Incineration (see Exhibit A)
2. PDC, Inc. for Landfill (see Exhibit B)
3. Bodine Environmental for Clean-Up/Decontamination
(Labor & Equipment) (see Exhibit C)

18, 1990

EXHIBIT A

CUSTOMER
GENERATING ADDRESS

CUSTOMER
BILLING ADDRESS

SHEREX CHEMICAL
COMPANY
U.S. Route 24
P.O. Box 9
Mapleton, IL 61547
Mr. Serin R. Rao
309 697-6220

SHEREX CHEMICAL
COMPANY
U.S. Route 24
P.O. Box 9
Mapleton, IL 61547
Mr. Serin R. Rao
309 697-6220

SHEREX CHEMICAL
COMPANY
U.S. Route 24
P.O. Box 9
Mapleton, IL 61547
Mr. Serin R. Rao
309 697-6220

RE: Acceptance Letter: CONTRACT # M06-363-90-B
Waste Profile Number: WPS # F11934TWI

Dear Mr. Rao:

Your Waste Product(s) are approved for disposal at the following Chemical Waste Management Facility:

Trade Waste Incineration
Mobile Ave.
Mapleton, IL 62201
309 271-2804

Acceptance of this waste is subject to the terms and conditions of your Waste Transportation and Disposal Agreement between our companies. Based on the sample you provided to the Disposal Facility, the fees are:

Disposal: See Category 3 of attached price schedule. Base price: \$275.00 per drum.

Transportation: \$765.00 per load, van trailer OR \$52.00 per 55 gallon drum. \$150.00 minimum transportation fee.

Plus applicable fees and taxes.

Precautions:

DOT approved containers. A signed and completed "Land Disposal Restriction Notification and Certification form for Hard Hammer Wastes" must accompany each shipment.

RQ'S and/or Waste Profile Sheet number(s) must appear on manifests and drums.

See Attachments (if applicable).
Waste Profile sheets must be recertified upon request.

Proposal Method:

INCINERATION

Generator will be allowed 1.0 hour(s) loading time at their facility with anytime thereafter being considered demurrage and charged at the rate of 85.00 per hour.

The prices quoted above are subject to change by Chemical Waste Management upon thirty (30) days prior written notice to you.

This approval shall remain in effect until 06/18/1992. After signing and returning this Acceptance Letter, please call the Facility listed below to schedule the arrival of your waste(s).

Chemical Waste Management, Inc.
4300 W. 123rd Street
Alsip, IL 60658
708 396-1920

All Purchase Orders or questions in regard to invoicing, should be directed to the following facility:

Trade Waste Incineration
7 Mobile Ave.
S. et, IL 62201
271-2804

Please sign and return one copy of this letter to the Contracting Department in the envelope provided. If you have any questions, please do not hesitate to call your sales representative, Tim Reis at 708 513-4518.

ACCEPTED *Markus Halperin*
DATE 8-6-90

SHEREX CHEMICAL COMPANY
H. HALFMANN
V.P. OPERATIONS

Very truly yours,
Walter Watson
Walter Watson
District Sales Manager
Midwest Region

[Signature]
7/31
CAF
8-2-90

jem/116/NA/TWI/ALSI

(PDC)

EXHIBIT B
SUPPLEMENTAL INFORMATION DOCUMENT

GENERATOR: Sherex Chemical Company

FACILITY: P.O.Box 9, Mapleton, IL 61547

BILL TO: Same

ESTIMATED COMMENCEMENT DATE: July 1, 1991

TREATMENT AND/OR DISPOSAL FACILITY: PDC #1

<u>WASTE NAME</u>	<u>DESCRIPTION</u>	<u>TREATMENT & DISPOSAL COST</u>	<u>TREATMENT & DISPOSAL METHOD</u>
#000231-15270 Sandblasting sand	See attached Waste Material Data Sheet	\$130.00 per 55G drum	Stabilization

EXPOSURE/HANDLING PRECAUTIONS: See attached waste material data sheet.

ESTIMATED TAXES/FEES - State of Illinois

Hazardous Wastes (disposal) \$ 0.09 per gallon, or
\$ 18.18 per cubic yard
(treatment) \$ 0.03 per gallon, or
\$ 6.06 per cubic yard

Non-Hazardous Wastes -

(Clinton Landfill) \$ 2.22 per ton or \$ 1.05 per cubic yard
(RCRA Facility) \$ 1.27 per ton or \$ 0.60 per cubic yard
(COP Landfill) \$ 2.27 per ton

TRANSPORTATION CHARGES: \$280.00 per load (40 ft. van)
\$380.00 per load (weekends/holidays)

DEMURRAGE CHARGES: One (1) hour in-plant, no charge
\$ 78.00 per subsequent hour

PDC reserves the right to adjust the transportation charges to reflect substantial changes in fuel cost upon 30 days written notice to Generator. Generator has the right to refuse such transportation service upon written notification to PDC.

PRICE FIXED UNTIL: February 28, 1992

ACCEPTANCES: This Supplemental Information Document is subject to all the terms and conditions of the Waste Transportation and Disposal Agreement, GT-1021 dated January 1, 1988, between the parties.

PEORIA DISPOSAL COMPANY

By: Chris E. Lasky

Title: Senior Vice Pres.

Date: 7/22/91

GENERATOR

By: David L. Rao

Title: MANAGER, ENV HEALTH & SAFETY

Date: 7/10/91

EXHIBIT "C"

Sherex Chemical Company, Inc.
Rt. 24, P.O. Box 9
Mapleton, IL 61547

1/1/90

BODINE ENVIRONMENTAL SERVICES
R.R. #2, BOX 35
DECATUR, ILLINOIS 62521

Gentlemen:

RE: Time and Material rates for construction work

Sherex Chemical Company, Inc. is requesting that you submit your time and material rates to perform construction work at our plant in Mapleton. Please submit to: Sherex Chemical Company, P.O. Box 9, Route 24, Mapleton, IL 61547. Attn: Engineering Department.
Your rates are to include:

- 1) Workman to start at 8:00 AM at our plant and sign in at or before this time at the guard station. (Exceptions must have prior written approval from Sherex.)
- 2) Labor rates are to include all hand and power tools normal to their work with a value of less than \$20,000.00. Expendable items are also to be included, such as drill bits, pipe dope, welding rod, bottled gases, etc. (any exceptions, must be presented prior to the start of work).
- 3) Workmen are to be provided a company truck or van to use in plant. Privately owned vehicles are to be parked in the area designated: "CONSTRUCTION PARKING". Utilities for work or storage trailers will be arranged by Sherex, when available. Locations to be designated by Sherex.
- 4) Rates are to include all profit and overhead, but not limited to area supervision, officers, estimators, clerical, etc. of the contractor.
- 5) All work to be per our current Letter of Agreement. Sherex time sheets are to be submitted to Sherex daily.
- 6) Sherex Chemical Company, Inc. has the right to accept or reject any and all bids and employees.
- 7) Submit rates using the following format and itemize rates for both field and shop work.

TRADE:

REGULAR

OVERTIME

FOREMAN:
JOURNEYMAN:
APPRENTICE:
SHOP DELIVERY:

SEE ATTACHED TIME AND MATERIAL
RATE SHEETS

20 % mark up on material above invoice or current prices from local suppliers for overhead and profit.

30 % mark up on subcontractors labor and material

RATE SCHEDULE

<u>Personnel</u>	<u>Straight Time</u> <u>Rate</u>	<u>Overtime</u> <u>Rate</u>	<u>Doubletime</u> <u>Rate</u>
Project Manager	\$55.00/hr.	\$74.25	\$93.50
Project Manager	\$45.00/hr.	\$60.75	\$76.50
Technician	\$37.50/hr.	\$50.75	\$63.75
Supervisor	\$37.50/hr.	\$50.75	\$63.75
Foreman	\$29.00/hr.	\$39.00	\$47.00
Laborer	\$27.50/hr.	\$36.00	\$45.00
Operator	\$30.00/hr.	\$40.00	\$51.00
Clerical	\$20.00/hr.	\$25.00	\$30.00
<u>Heavy Equipment</u>			
Semi Tanker	\$100.00	\$112.50	\$122.50
Pump Truck	84.00	95.30	105.50
Industrial Vacuum Truck	95.00	106.50	116.20
Semi Dump Truck	55.00	66.00	77.00
Tandem Dump Truck	45.00	56.00	67.00
Semi Tractor w/Lowboy Trailer	65.00	76.50	88.00
Flat Bed Trailer W/Service Truck	43.80	53.80	63.80
Jet Machine	72.80	83.40	94.00
50-Ton Crane	142.00	165.00	182.00
25-Ton Crane	96.00	116.50	136.00
20-Ton Crane (includes Lowboy)	137.50	148.85	160.25
18-Ton Crane (includes Lowboy)	131.00	142.50	153.50
610 Bobcat Hoe	45.00	54.00	64.00
580 Case Extended Hoe	48.00	57.60	68.30
225 Cat Hoe	95.20	106.30	117.40
235 Cat Hoe	105.00	116.10	127.20
544 John Deere Dozer	70.00	81.10	92.20
580 Case Loader	58.00	69.00	80.00
930 Cat Loader	70.00	81.50	93.00
953 Cat Loader	78.00	89.60	101.50
977 Cat Loader	95.00	107.00	119.00
350 John Deere Dozer	72.80	84.00	95.20
750 John Deere Dozer	85.00	95.50	106.00
613 Scrapper	65.00	76.50	88.00
580 Case Grading Machine	60.00	71.00	82.00
112 Motor Grade	65.00	77.00	89.50
Arrow Hydro Hammer	55.00	66.50	78.00

Equipment

Boom Truck	\$45.00/hr.	
Mini-Van Serv. Vehicle	5.00/hr.	
Service Vehicle (Van or Pickup Truck)	7.00/hr.	
Haz-Mat Response Van (on planned basis)	10.00/hr.	
Haz-Mat Response Van (on emergency basis)	70.00/hr.	
Exotox Gas Detector	75.00/day	225.00/wk.
HEPA Vacuum	25.00/day	75.00/wk.
Decon Shower Unit	120.00/day	360.00/wk.
Powered Air Purifying Respirator (PAPR)	10.00/day	30.00/wk.
North Full-face Air Purifying Respirator	5.00/day	15.00/wk.
Self-Contained Breathing Apparatus (SCBA) Standby	35.00/day	115.00/wk.
Self-Contained Breathing Apparatus (SCBA) Working	50.00/day	175.00/wk.
Airline Respirator w/5-minute escape	50.00/day	175.00/wk.
Air Sampling Pump	10.00/day	35.00/wk.
HEPA Filtered Negative Air Machine	40.00/day	120.00/wk.
Porta Shower and Pump	40.00/day	120.00/wk.
Portable Cut Off Saw (Blades invoiced separately)		
Portable Lights/Generator	50.00/day	150.00/wk.

Materials

DOT Type 17 Open top drums	\$ 80.00/ea.
w/plastic liner	148.00/ea.
85-gallon Poly Overpak Drum	118.30/ea.
85-gallon Steel Overpak Drum	
Polyester Woven Hooded Coverall w/Boots	6.50/ea.
Tyvek Hooded Coverall w/Boots	7.50/ea.
Chemrel Hooded Coverall	40.00/ea.
Chemrel Fully Encapsulating Suit	135.00/ea.
MSA-Vautex Totally Encapsulating (Level "A" Suit)	300.00/day
Nitrile Gloves	3.00/pr.
Butyl Gloves	25.00/pr.
Viton Gloves (solvent resistant)	110.00/pr.
Oil-A-Way Sorbent Compound	15.00/bag
8" x 10 ft. Oil Scimming Booms	50.00/ea.
SPC 36" x 150 ft. Sorbent Blanket	220.00/ea.
North Respirator Filter Cartridges TC-21C-152	4.00/ea.
HEPA/Organic Vapor - TC-23C-210	9.00/ea.
Organic Vapor/Acid Gas Cartridges TC-23C-63	4.10/ea.
Ammonia/Methyl Amine Cartridges TC-23C-65	4.50/ea.

Grade "D" Breath Air Cylinders	35.00/ea.
Refill SCBA Cylinders	15.00/ea.
SP-3 PAPR Filter Cartridges, HEPA	17.50/ea.
Duct Tape	5.50/rl.
30" x 48" 6-mil Poly Disposable Bags	1.00/ea.
20' x 100' Poly Sheeting	48.00/rl.
12' x 100' Poly Sheeting	30.00/rl.
Spray Adhesive	5.00/can
"Do-Not-Enter" Barricade Tape	32.50/ea.



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director
217/785-8604

2200 Churchill Road, Springfield, IL 62794-9276

September 17, 1996

Witco Corporation
Attn: Al Nesheiwat
1 American Lane
Greenwich, CT 06831-2559

Re: 1438050006--Peoria County

Witco

ILD095792859

Compliance File

KCRA

Dear Mr. Nesheiwat:

On September 10, 1996, a record review was completed on your facility's financial instruments by Andrew Vollmer of the Illinois Environmental Protection Agency. The purpose of this record review was to determine your facility's compliance with 35 Ill. Adm. Code, Part 725, Subpart H. At the time of the record review, it was determined that your financial assurance instruments are in compliance with 35 Ill. Adm. Code, Part 725, Subpart H. Also as a reminder, your next updated instruments are due March 31, 1997

If you have any questions regarding this record review, please contact Andrew Vollmer at the above number.

Sincerely,

Bill Radlinski

E. William Radlinski, Manager
Planning and Reporting Section
Bureau of Land

GDS:EWR:pbz41

[REDACTED]
Bcc: DIVISION FILE
PEORIA REGION
ANDREW VOLLMER
PAUL BEATTY